

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Thomas Gennett, et al.
SERIAL NO. : 10/828,534
FILED : April 8, 2004
TITLE : Carbon Nanotube-Polymer Composite Actuators
EXAMINER : H. T. Le
GROUP : 1772
DOE NO. : S-103,695
Customer No. : 31970

DECLARATION UNDER 37 CFR § 1.132

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

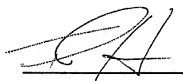
Sir:

We, the undersigned, Thomas Gennett, Ryne Raffaele, Brian Landi, and Michael Heben, hereby declare that:

1. Each of us is a joint inventor of the above-identified patent application.
2. Thomas Gennett, Ryne Raffaele, Brian Landi, and Michael Heben are also co-authors with Jeffery L. Alleman and William VanDerVeerof of the publication entitled "Single Wall Carbon Nanotube-Nafion Composite Actuators," Printed in Nano Letters, Vol. 2, No. 11, pp 1329-1332, published on 10/30/2002, (hereinafter referred to as the Nano Letters Publication," which is attached hereto as Exhibit A and forms a part of this declaration

3. Each of us has reviewed the Nano Letters Publication and the above-identified application.
4. To the extent the disclosure in the Nano Letters Publication is a disclosure of, or is material to the examination of, the claimed invention in the above-identified application, such disclosure in the Nano Letters Publication is the invention solely of the Declarants and is their contribution to that publication. The two additional named authors listed on said publication, Jeffrey L. Alleman and William VanDerveer assisted under the direction of said co-inventors and said additional named authors gave no input or assistance in developing the actual invention described in said publication or in the previously filed patent application.

That we further declare that all statement made herein of our own knowledge are true and that the statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and the such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Thomas Gennett

11/25/06

Date

Date

Date

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Thomas Gennett, et al.
SERIAL NO. : 10/828,534
FILED : April 8, 2004
TITLE : Carbon Nanotube-Polymer Composite Actuators
EXAMINER : H. T. Le
GROUP : 1772
DOE NO. : S-103,695
Customer No. : 31970

DECLARATION UNDER 37 CFR § 1.132

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, the undersigned, Thomas Gennett, Ryne Raffaele, Brian Landi, and Michael Heben, hereby declare that:

1. Each of us is a joint inventor of the above-identified patent application.
2. Thomas Gennett, Ryne Raffaele, Brian Landi, and Michael Heben are also co-authors with Jeffery L. Alleman and William VanDerVeer of the publication entitled "Single Wall Carbon Nanotube-Nafion Composite Actuators," Printed in Nano Letters, Vol. 2, No. 11, pp 1329-1332, published on 10/30/2002, (hereinafter referred to as the Nano Letters Publication," which is attached hereto as Exhibit A and forms a part of this declaration

3. Each of us has reviewed the Nano Letters Publication and the above-identified application.
4. To the extent the disclosure in the Nano Letters Publication is a disclosure of, or is material to the examination of, the claimed invention in the above-identified application, such disclosure in the Nano Letters Publication is the invention solely of the Declarants and is their contribution to that publication. The two additional named authors listed on said publication, Jeffrey L. Alleman and William VanDerveer assisted under the direction of said co-inventors and said additional named authors gave no input or assistance in developing the actual invention described in said publication or in the previously filed patent application.

That we further declare that all statement made herein of our own knowledge are true and that the statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and the such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Michael Heben

Michael Heben

12-4-06

Date

Date

Date

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Thomas Gennett, et al.
SERIAL NO. : 10/828,534
FILED : April 8, 2004
TITLE : Carbon Nanotube-Polymer Composite Actuators
EXAMINER : H. T. Le
GROUP : 1772
DOE NO. : S-103,695
Customer No. : 31970

DECLARATION UNDER 37 CFR § 1.132

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450



Sir:

We, the undersigned, Thomas Gennett, Ryne Raffaele, Brian Landi, and Michael Heben, hereby declare that:

1. Each of us is a joint inventor of the above-identified patent application.
2. Thomas Gennett, Ryne Raffaele, Brian Landi, and Michael Heben are also co-authors with Jeffery L. Alleman and William VanDerVeer of the publication entitled "Single Wall Carbon Nanotube-Nafion Composite Actuators," Printed in Nano Letters, Vol. 2, No. 11, pp 1329-1332, published on 10/30/2002, (hereinafter referred to as the Nano Letters Publication," which is attached hereto as Exhibit A and forms a part of this declaration

3. Each of us has reviewed the Nano Letters Publication and the above-identified application.
4. To the extent the disclosure in the Nano Letters Publication is a disclosure of, or is material to the examination of, the claimed invention in the above-identified application, such disclosure in the Nano Letters Publication is the invention solely of the Declarants and is their contribution to that publication. The two additional named authors listed on said publication, Jeffrey L. Alleman and William VanDerveer assisted under the direction of said co-inventors and said additional named authors gave no input or assistance in developing the actual invention described in said publication or in the previously filed patent application.

That we further declare that all statement made herein of our own knowledge are true and that the statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and the such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	11/20/06
Brian Landi	Date
	11/20/06
Rynne Raffaele	Date
_____	Date
_____	Date